

Corn Herbicide Tank Mixes with Status Janesville, WI 2024

Trial Information

Trial Sponsor(s): BASF

Objective: Evaluate early-post applications of tank mixes containing Status for giant ragweed control.

Crop: Corn

Variety: 202-24STX RIB

Weed species (pressure): giant ragweed (high-very high)

Herbicide Application(s): PRE – 5/10
EPOST – 5/29 (V2/V3 corn)

For the full report see trial #24-ROK-CN06 in the [2024 Wisconsin Weed Science Research Report](#)

The BASF logo consists of a white square with a smaller white square inside it, followed by a white dash and the letters "BASF" in a bold, white, sans-serif font.

We create chemistry

Corn Herbicide Tank Mixes with Status (Janesville, WI 2024)

Trt #	Herbicide (rate acre ⁻¹)	Injury ^b (%)		Giant Ragweed (%)			
		8 DAT	12 DAT	12 DAT	23 DAT	35 DAT	61 DAT
1	Treated Check ^c	0	0	0	0	0	0
Two-Pass – PRE^c (5/10) fb EPOST (5/29)							
2	Status (5 oz) + Zidua SC (2.5 fl oz) + Roundup PM3 (30 oz) + COC (1%) + AMS ^d	1.8	2.0	98	91	86	82
3	Status (5 oz) + Zidua SC (2.5 fl oz) + Argos (3 oz) + RU PM3 (30 oz) + COC (1%) + AMS ^d	0.8	1.8	99	94	91	88
4	Halex GT (3.75 pt) + NIS (0.25%) + AMS ^d	1.8	0.0	98	96	91	90
5	Acuron GT (3.75 pt) + COC (1%) + AMS ^d	6.8	3.5	99	99	97	97
6	Resicore (1.6 qt) + Roundup PM3 (30 oz) + COC (1%) + AMS ^d	8.5	4.5	99	99	97	96
7	Halex GT (3.75 pt) + Status (5 oz) + NIS (0.25%) + AMS ^d	1.3	0.8	99	98	96	91
8	Acuron GT (3.75 pt) + Status (5 oz) + COC (1%) + AMS ^d	3.8	2.8	100	99	98	97
9	Argos (3 oz) + Sequence (1 qt) + Status (5 oz) + COC (1%) + AMS ^d	2.5	1.3	99	98	95	90
10	Status (5 oz) + Roundup PM3 (30 oz) + COC (1%) + AMS ^d	2.3	1.8	98	86	80	81
LSD ($\alpha=0.10$)		1.5	1.1	ns	3	4	5
p value		<.001	<.001	0.466	<.001	<.001	<.001

^aVisual control from 70-100% is illustrated on a color scale with green representing greater weed control values.

^bCorn injury: 8 DAT = % leaf necrosis (burn); 12 DAT = % leaf necrosis + minor leaning in Status treatments

^cVerdict (5 fl oz/a) was applied PRE over the entire trial area including the treated check (treatment #1)

^dDry AMS applied at 8.5 lb/100 gal

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Plot pictures taken on 6/10
31 days after the PRE application
12 DAT the EPOST application

The number in the upper right-hand corner is the average %
giant ragweed control of 4 replications

31 days after PRE (6/10)
PRE: 5 oz Verdict

0%



12 days after EPOST (6/10)

PRE: 5 oz Verdict *fb*

98%

POST: 5 oz Status + 2.5 oz Zidua SC + 30 oz Roundup PM3 + COC + AMS



12 days after EPOST (6/10)

99%

PRE: 5 oz Verdict *fb*

POST: 5 oz Status + 2.5 oz Zidua SC + 3 oz Argos + 30 oz RU PM3 + COC + AMS



12 days after EPOST (6/10)

PRE: 5 oz Verdict *fb*

POST: 3.75 pt Halex GT + NIS + AMS

98%



12 days after EPOST (6/10)

PRE: 5 oz Verdict *fb*

POST: 3.75 pt Acuron GT + COC + AMS

99%



12 days after EPOST (6/10)

PRE: 5 oz Verdict *fb*

99%

POST: 1.6 qt Resicore + 30 oz Roundup PM3 + COC + AMS



12 days after EPOST (6/10)

PRE: 5 oz Verdict *fb*

99%

POST: 3.75 pt Halex GT + 5 oz Status + NIS + AMS



12 days after EPOST (6/10)

PRE: 5 oz Verdict *fb*

100%

POST: 3.75 pt Acuron GT + 5 oz Status + COC + AMS



12 days after EPOST (6/10)

PRE: 5 oz Verdict *fb*

99%

POST: 3 oz Argos + 1 qt Sequence + 5 oz Status + COC + AMS



12 days after EPOST (6/10)

PRE: 5 oz Verdict *fb*

98%

POST: 5 oz Status + 30 oz Roundup PM3 + COC + AMS



Corn Herbicide Tank Mixes with Status Janesville, WI 2024

Plot pictures taken on 6/21
42 days after the PRE application
23 DAT the EPOST application

The number in the upper right-hand corner is the average %
giant ragweed control of 4 replications

42 days after PRE (6/21)

PRE: 5 oz Verdict

0%



23 days after EPOST (6/21)

PRE: 5 oz Verdict *fb*

91%

POST: 5 oz Status + 2.5 oz Zidua SC + 30 oz Roundup PM3 + COC + AMS



23 days after EPOST (6/21)

94%

PRE: 5 oz Verdict *fb*

POST: 5 oz Status + 2.5 oz Zidua SC + 3 oz Argos + 30 oz RU PM3 + COC + AMS



23 days after EPOST (6/21)

PRE: 5 oz Verdict *fb*

POST: 3.75 pt Halex GT + NIS + AMS

96%



23 days after EPOST (6/21)

PRE: 5 oz Verdict *fb*

POST: 3.75 pt Acuron GT + COC + AMS

99%



23 days after EPOST (6/21)

PRE: 5 oz Verdict *fb*

99%

POST: 1.6 qt Resicore + 30 oz Roundup PM3 + COC + AMS



23 days after EPOST (6/21)

PRE: 5 oz Verdict *fb*

98%

POST: 3.75 pt Halex GT + 5 oz Status + NIS + AMS



23 days after EPOST (6/21)

PRE: 5 oz Verdict *fb*

99%

POST: 3.75 pt Acuron GT + 5 oz Status + COC + AMS



23 days after EPOST (6/21)

PRE: 5 oz Verdict *fb*

98%

POST: 3 oz Argos + 1 qt Sequence + 5 oz Status + COC + AMS



23 days after EPOST (6/21)

PRE: 5 oz Verdict *fb*

86%

POST: 5 oz Status + 30 oz Roundup PM3 + COC + AMS



Corn Herbicide Tank Mixes with Status Janesville, WI 2024

Plot pictures taken on 7/3
54 days after the PRE application
35 DAT the EPOST application

The number in the upper right-hand corner is the average %
giant ragweed control of 4 replications

54 days after PRE (7/3)
PRE: 5 oz Verdict

0%



35 days after EPOST (7/3)

PRE: 5 oz Verdict *fb*

91%

POST: 5 oz Status + 2.5 oz Zidua SC + 30 oz Roundup PM3 + COC + AMS



35 days after EPOST (7/3)

94%

PRE: 5 oz Verdict *fb*

POST: 5 oz Status + 2.5 oz Zidua SC + 3 oz Argos + 30 oz RU PM3 + COC + AMS



35 days after EPOST (7/3)

PRE: 5 oz Verdict *fb*

POST: 3.75 pt Halex GT + NIS + AMS

96%



35 days after EPOST (7/3)

PRE: 5 oz Verdict *fb*

POST: 3.75 pt Acuron GT + COC + AMS

99%



35 days after EPOST (7/3)

PRE: 5 oz Verdict *fb*

99%

POST: 1.6 qt Resicore + 30 oz Roundup PM3 + COC + AMS



35 days after EPOST (7/3)

PRE: 5 oz Verdict *fb*

98%

POST: 3.75 pt Halex GT + 5 oz Status + NIS + AMS



35 days after EPOST (7/3)

PRE: 5 oz Verdict *fb*

POST: 3.75 pt Acuron GT + 5 oz Status + COC + AMS

99%



35 days after EPOST (7/3)

PRE: 5 oz Verdict *fb*

98%

POST: 3 oz Argos + 1 qt Sequence + 5 oz Status + COC + AMS



35 days after EPOST (7/3)

PRE: 5 oz Verdict *fb*

86%

POST: 5 oz Status + 30 oz Roundup PM3 + COC + AMS

